Subject: Are Alnico speakers shielded?
Posted by MWG on Tue, 29 Nov 2005 13:44:41 GMT
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Someone said that speakers with AlNico magnets are in essence sheilded. Is this the case? I have a pair of Altec Valencias I want to use in a El Cheapo HT setup. The TV when I get one will be about 1' above and 3' away from the speakers. I'm not a big movie watcher but I bought this copy of Bullit to hear the car chase scene through my Altecs. Just to hear if it's close to the old theatre I first saw the movie in. Without the gum on the armrests of course

Subject: Re: Are Alnico speakers shielded?
Posted by Wayne Parham on Tue, 29 Nov 2005 15:26:34 GMT
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Old speakers with alnico magnets generate less leakage flux than more modern ferrite structures, but this is largely due to the geometry and strength of the magnetic structure, and not necessarily the material used. You can pot a high-leakage magnetic structure with mu metal to shield it.

Subject: Re: Are Alnico speakers shielded?
Posted by MWG on Wed, 30 Nov 2005 03:38:44 GMT
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Thank you for the response Wayne. Now I'm not so worried about setting up my little Ht deal.

Subject: Re: Are Alnico speakers shielded?
Posted by mollecon on Sun, 19 Feb 2006 00:40:09 GMT
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I think it should be mentioned, that neodium (wrong spelling, I know) magnets usually are 'naturally shielded' much the same way as Alnicos are.

Subject: Neodymium drivers - some are shielded, but some aren't
Posted by Duke on Mon, 13 Mar 2006 03:10:46 GMT
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I have several Neodymium drivers - woofers, midranges, compression drivers. My Neo prosound & home audio woofers and home audio midranges are shielded, but the Neo compression drivers (from two different manufacturers) definitely are not.